

### **REMARKS**

Claims 1, 8-14, 17, 18, 23-27, 30-32, 39-42, 45, 46, 51-55, 58-60, 67-70, 73, 74, 79-83, and 86-139 are pending, with claims 1, 32, 60, 88, 105, and 120 being independent. Claims 2-7, 15, 16, 19-22, 28, 29, 33-38, 43, 44, 47-50, 56, 57, 61-66, 71, 72, 75-78, 84, and 85 are cancelled. Claims 1, 8, 32, 39, 60, 67, 88, 89, 105, 106, 120, and 121 have been amended. No new subject matter has been added. Support for the amendments may be found, for example, on page 17, line 21 to page 18, line 5 of the Specification.

### **Interview**

Applicant would like to thank Examiner Ho for the courtesy extended to Applicant's representatives during a telephonic interview conducted on June 8, 2007. During the interview, the Examiner agreed that, as amended, the independent claims have features not disclosed by Krishnan. This reply reflects the substance of the interview.

### **35 U.S.C. § 101 Rejection of Claims 60, 67-70, 73-74, 79-83, 86-87, 120-135, and 139**

Claims 60, 67-70, 73-74, 79-83, 86-87, 120-135, and 139 stand rejected under 35 U.S.C. § 101 as being directed to non-statutory subject matter. Applicant has amended claims 14-26 to recite a "tangible" computer readable medium, thus obviating the § 101 rejection. Therefore, Applicant respectfully requests reconsideration and withdrawal of the § 101 rejection of claims 14-26.

### **Claims 1, 8-14, 23-27, 30-32, 39-42, 51-55, 58-60, 67-70, 79-83, 86 and 87**

Claims 1, 8-14, 23-27, 30-32, 39-42, 51-55, 58-60, 67-70, 79-83, 86 and 87 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Krishnan (6,075,863) in view of Onosaka (5,961,608) and Perlman (6,023,585)

Independent claims 1, 32, and 60 recite a system (claim 1), a method (claim 32) and a computer program (claim 60) for installing computer software components on a client device for enabling connectivity to a host system by at least one of several different hardware devices. Independent claim 1 recites, among other features, "a receiving module that is structured and

arranged to receive a connectivity component that enables connectivity to a host system by at least one of several different hardware devices of different physical connectivity types”, “a selection module that is structured and arranged to select a hardware device from several hardware devices of different physical connectivity types,” and “a detection module that is structured and arranged to detect whether installation of the connectivity component is needed to enable connectivity between the client device and the host system using the selected hardware device.”

Applicants request reconsideration and withdrawal of the rejection because Krishnan, Onosaka, and Perlman, either alone or in combination, fail to describe or suggest these features.

First, Krishnan, Onosaka, and Perlman do not describe or suggest detecting whether installation of the connectivity component is needed to enable connectivity between the client device and the host system using the selected hardware device.

The Office Action incorrectly relies on Krishnan to show this feature. In contrast to the language of claim 1, Krishnan describes detecting whether devices *communicating over an existing connection* need an updated version of software, as opposed to detecting whether software is necessary *to enable a connection* between these devices. Nevertheless, the Office Action relies on sections in Col. 3:57-67 and Col. 4:1-20 to demonstrate that Krishnan teaches enabling a connection. However, the relied-upon sections do not show that a connection is enabled by the Java applets. Instead, these sections merely describe a negotiation session for downloading *an encryption applet that secures an already-existing communication session*. Specifically, Krishnan explains that the communication session may be established regardless of whether the encrypting applet is downloaded or not, which means that the Java applet serves a secondary role of encrypting the existing communications session, but is not used at all for the primary role of establishing the session itself:

In any case, a negative or missing response to the Java request causes the sequence to proceed to step 32, wherein alternatives to using Java applets are considered. For example, applets written in another programming language may be used. Alternatively, a user may be given an opportunity to fix the problem (e.g. reenable applet downloading), **to continue without downloading the applet**, or to abort the process. If there are no

alternatives to using Java applets the sequence aborts at step 34, otherwise, the alternative is used (step 36) and processing continues at step 52. (emphasis added) See Krishnan, col. 4, line 10-20.

Thus, as seen from the quote above, the connectivity between the client and the host system in Krishnan is established without using the Java applet. The installation of the Java applet does not actually enable connectivity between the client device and the host system using a selected hardware device. Instead, the Java applet merely improves connection performance by providing the client with data encryption over an established connection. See Krishnan, col. 5, line 33-41. In this regard, the Java applet of Krishnan is entirely different from a connectivity component recited in claim 1, which enables connectivity to a host system by at least one of several different hardware devices of different physical connectivity types.

Onosaka and Perlman do not remedy this failure of Krishnan and, notably, are not relied upon by the Final Office Action to describe or suggest these features that are not present in Krishnan.

Furthermore, Krishnan and Perlman do not describe or suggest enabling connectivity using "hardware devices of different physical connectivity types." Krishnan and Perlman teach devices having the same connectivity type and, thus, are silent about the above feature. Moreover, while Onosaka teaches having multiple hardware devices, Onasaka fails to describe or suggest receiving a connectivity component for these hardware devices and is altogether silent about other features of claim 1.

In summary, Krishnan, Onosaka, and Perlman, either together, or in a combination do not describe or suggest a connectivity component that enables connectivity to a host system by at least one of several different hardware devices of different physical connectivity types. In contrast, the combination of Krishnan, Onasaka, and Perlman describes a non-operational system that (at best) may be capable of supporting multiple modems and also downloading software for encrypting existing data communications over these modems. However, it is clear that the combination of Krishnan, Onasaka, and Perlman does not teach or suggest receiving connectivity

components (e.g., device drivers) that enable these modems to establish communications sessions prior to applying data encryption.

For at least these reasons, Applicants respectfully request reconsideration and withdrawal of the rejection of independent claims 1, 32, and 60, and their respective dependent claims.

**Claims 88-91, 93-94, 97, 99-108, 110-111, 114, 116-123, 125-126, 129 and 131-136**

Claims 88-91, 93-94, 97, 99-108, 110-111, 114, 116-123, 125-126, 129 and 131-136 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Krishnan (6,075,863) in view of Onosaka (5,961,608) and Elg (6,694,354).

Claims 88, 105, and 120 recite a system (claim 88), a method (claim 105), and a computer program (claim 120) for enabling connectivity to a host system by at least one of several different hardware devices that includes, among other features, detecting whether installation of the connectivity component is needed to enable connectivity between the client device and the host system using a selected hardware device.

For the same reasons as were recited above for claims 1, 32, and 60, Applicants request reconsideration and withdrawal of the rejection because Krishnan, Onosaka, and Elg, either alone or in combination, fail to describe or suggest these features. Specifically, for claim 88, Krishnan, Onosaka, and Elg do not describe or suggest, among other features, “a receiving module that is structured and arranged to receive multiple connectivity components that enable connectivity to a host system by at least one of several different hardware devices of different physical connectivity types, wherein the receiving module is structured and arranged to copy the connectivity components to the client device from a compact disk and store the connectivity components in a dormant state on the client device” and “a selection mode that is structured and arranged to select a hardware device from several hardware devices of different physical connectivity types.”

The reasons that Krishnan does not disclose or suggest these features are discussed above. Onosaka and Elg do not remedy this failure of Krishnan and, notably, are not relied upon by the Final Office Action to describe or suggest these features that are not present in Krishnan.

For at least these reasons, Applicants respectfully request reconsideration and withdrawal of the rejection of independent claims 88, 105, and 120, and their respective dependent claims.

**Claims 92, 98, 109, 115, 124 and 130**

Claims 92, 98, 109, 115, 124 and 130, which depend from claims 88, 105 and 120, stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Krishnan in view of Onosaka and Elg, and further in view of Perlman.

With respect to these claims, Applicants respectfully request reconsideration and withdrawal of the rejection because Perlman does not remedy the failure of Krishnan, Onosaka, and Elg to describe or suggest the subject matter of the independent claims and, notably, is not relied upon in the Final Office Action as describing the features missing from those references.

**Claims 17-18, 45-46 and 73-74**

Claims 17-18, 45-46 and 73-74, which depend from claims 1, 32 and 60, stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Krishnan in view of Onosaka and Perlman, and further in view of Coutts (6,311,165).

With respect to these claims, Applicants respectfully request reconsideration and withdrawal of the rejection because Coutts does not remedy the failure of Krishnan, Onosaka, and Perlman to describe or suggest the subject matter of the independent claims and, notably, is not relied upon in the Final Office Action as describing the features missing from those references.

**Claims 95-96, 112-113 and 127-128**

Claims 95-96, 112-113 and 127-128, which depend from claims 88, 105 and 120, stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Krishnan in view of Onosaka and Elg, and further in view of Coutts.

With respect to these claims, Applicants respectfully request reconsideration and withdrawal of the rejection because Coutts does not remedy the failure of Krishnan, Onosaka,

Applicant : Tuan Huu Pham et al.  
Serial No. : 09/855,683  
Filed : May 16, 2001  
Page : 32 of 32

Attorney's Docket No.: 06975-136001 / Communications 38

and Elg to describe or suggest the subject matter of the independent claims and, notably, is not relied upon in the Final Office Action as describing the features missing from those references.

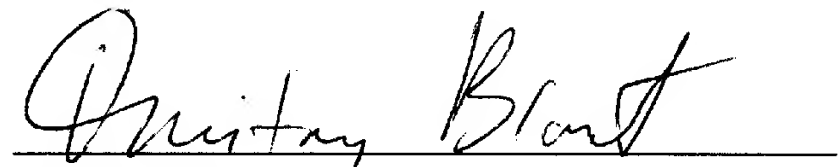
Applicant submits that all claims are in condition for allowance.

Please apply Petition for Extension of Time fee and any other charges or credits to deposit account 06-1050.

The Petition for Extension of Time fee of \$120 is being paid concurrently herewith on the Electronic Filing System (EFS) by way of Deposit Account authorization. Please apply any other charges or credits to Deposit Account 06-1050.

Respectfully submitted,

Date: 7/6/07

  
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